ASGCO®’s QUARRY-FLEX® straight warp conveyor belt is engineered to provide excellent rip, tear and impact resistance as seen in hard rock mining (limestone, granite, trap rock and other aggregates) and recycling applications.

The unique construction of the belt and the special cushion and cover rubber ensure superior impact resistance, higher longitudinal flexibility of the belt, yet guaranteeing a very low elongation at working load compared to conventional EP/NN fabric belts.

In several applications, QUARRY-FLEX® belts are a preferred alternative to steel cord belts as they provide an inherent protection against rip and tear and at the same time offer excellent impact resistance and low elongation in service. Several applications, QUARRY-FLEX® belts are preferred alternatives to steel cord belts as they provide an inherent protection against rip and tear and at the same time offer excellent impact resistance and low elongation in service.

Impact and rip resistance up to three times of standard multi-ply belts of equivalent rating.
- High strength and minimal stretch or elongation when conveying large loads.
- Safety factor greater than 10:1.
- A1™ (ARPM Grade 1) cover compound is designed for high impact applications where cutting, gouging and tearing of the cover is a primary concern.

PRODUCT APPLICATIONS:
QUARRY-FLEX® Belt is ideally suited for the following applications:
- Heavy impact applications e.g. primary crushers
- Material fall height exceeding 6.5’ (2m)
- Lump size more than 6” (150mm)
- Long haul applications
- Conveyors susceptible to presence of tramp material

QUARRY-FLEX® belts are manufactured using a specially designed fabric having high tenacity, straight warp threads and dense welt yarn construction. These belts are available in single or two-ply constructions and in strength rating from 180 to 1900 PM or 315 to 3150 kN/m.

Cover Characteristics:
- Compound Width: 24” to 372” wider available upon request
- Carcass Variety Available: Straight Warp
- Common Belt Rating: 1-Ply Construction: 190/1, 225/1, 280/1, 330/1, 440/1 & 600/1 PM
- 2-Ply Construction: 330/2, 440/2, 600/2, 820/2, 1050/2 & 1250/2 PM (more available on application)

AR1 (ARPM Grade 1)
- Cover compound is designed for high impact applications, where cutting, gouging and tearing of the covers is a primary concern.
- Ultimate high tensile strength rubber compounds that combines the best of impact and abrasion resistance.
- Meets ASTM D1149 (30 mm) standard specification which exceeds RCA Grade 1 requirements.

AR2 (ARPM Grade II)
- Cover compound is designed for good abrasion, cut and gouge resistance.
- Recommended for most abrasive conveyor applications, such as aggregates, limestone, recycling, sand and gravel.
- Meets ASTM (150 mm) standard specification which exceeds RCA Grade II requirements.

FR2 (ARPM Grade II)
- Fire retardant/abrasion resistant compound that meets ARPM FR Class 2
- Recommended for power generation facilities, above ground coal or non-coal mining and coal prep plants.
- FR2 is fully ozone, UV and abrasion resistant.

HT2 (ARPM Grade II)
- Recommended for cement, clinker, free sand, refineries, mineral processing and chemical plants.
ASGCO®'s QUARRY-FLEX® straight warp conveyor belt is engineered to provide excellent rip, tear and impact resistance as seen in hard rock mining (limestone, granite, trap rock and other aggregates) and recycling applications.

The unique construction of the belt and the special cushion and cover rubber ensure superior impact resistance, higher longitudinal flexibility of the belt, yet guaranteeing a very low elongation at working load compared to conventional EP/NN fabric belts.

In several applications, QUARRY-FLEX® belts are a preferred alternative to steel cord belts as they provide an inherent protection against rip and tear and at the same time offer excellent impact resistance and low elongation in service.

- Impact and rip resistance up to three times of standard multi-ply belts of equivalent rating.
- High strength and minimal stretch or elongation when conveying large loads.
- Safety factor greater than 10:1.
- A1” (ARPM Grade 1) cover compound is designed for high impact applications where cutting, gouging and tearing of the cover is a primary concern.

PRODUCT APPLICATIONS:

QUARRY-FLEX® Belt is ideally suited for the following applications:

- Heavy impact applications e.g. primary crushers
- Material fall height exceeding 6.5’ (2m)
- Lump size more than 6’ (150mm)
- Long haul applications
- Conveyors susceptible to presence of tramp material

ASGCO QUARRY-FLEX® belts are manufactured using a specially designed fabric having high tenacity, straight warp threads and dense well yarn construction. These belts are available in single or two ply constructions and in strength rating from 190 to 1600 PIM (or 215 to 3150 kN/m).

Cover Characteristics:
- Compound Width 24” to 122” Widely Available on Request

ASGCO QUARRY-FLEX® belts are 100% manufactured using specially designed fabrics having high tenacity, straight warp threads and dense well yarn construction. These belts are available in single or two ply constructions and in strength rating from 190 to 1600 PIM (or 215 to 3150 kN/m).

Cover Characteristics:
- Compound Width 24” to 122” Widely Available on Request

QUARRY-FLEX® Heavy Duty Straightwarp Conveyor Belt

<table>
<thead>
<tr>
<th>Carcass Style</th>
<th>1 - 440</th>
<th>2 - 500</th>
<th>2 - 660</th>
<th>2 - 800</th>
<th>2 - 1000</th>
<th>2 - 1200</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of PLYs</td>
<td>1</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>2</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Description</th>
<th>Imperial</th>
<th>Metric</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carcass Gauge (mm)</td>
<td>0.153</td>
<td>5.98</td>
</tr>
<tr>
<td>Carcass Weight (lbs/ft / kg/m)</td>
<td>0.056</td>
<td>0.99</td>
</tr>
<tr>
<td>Elongation (max)</td>
<td>375</td>
<td>15.08</td>
</tr>
<tr>
<td>Max Tension Rating (PIM)</td>
<td>340</td>
<td>15.08</td>
</tr>
</tbody>
</table>

| Troughing / Empty - Min Belt Width (inches) | 0.150 | 4.00 |
| Load Support - Max Belt Width (inches) | 0.150 | 4.00 |

| Minimum Pulley Diameters (inches) | 0.00 | 0.00 |

COVER COMPOUNDS

AR1 (ARPM Grade 1)
- Cover compound is designed for high impact applications, where cutting, gouging and tearing of the cover is a primary concern.
- Ultimate high tensile strength rubber compounds that combines the best of impact and abrasion resistance.
- Meets ASTM D1140 DIN W (30 mm) standard specification which exceeds RMA Grade 1 requirements.

AR2 (ARPM Grade II)
- Cover compound is designed for good abrasion, cut and gouge resistance.
- Recommended for most abrasive conveying applications, such as aggregates, limestone, recycling, sand and gravel.
- Meets ASTM (150 mm) standard specification which exceeds RMA Grade 1 requirements.

FR2 (ARPM Grade II)
- Fire retardant/abrasion resistant compound that meets ARPM-FR Class 2
- Recommended for power generation facilities, above ground coal or non-coal mining and coal prep plants.
- FR2 is fully ozone, UV and abrasion resistant.

HT2 (ARPM Grade II)
- Recommended for cement, clinker, free sand, refractories, mineral processing and chemical plants.